

67,200-409
2000-0661

What is claimed is:

1. A method for fabricating a microelectronic fabrication comprising:

providing a substrate;

forming over the substrate a series of patterned conductor layers separated by a series of dielectric layers; and

forming over the substrate in electrically connected with the series of patterned conductor layers separated by the series of dielectric layers at least one fuse layer, wherein the at least one fuse layer is formed at a level no lower than a highest of the series of patterned conductor layers.

2. The method of claim 1 wherein the microelectronic fabrication is selected from the group consisting of integrated circuit microelectronic fabrications, ceramic substrate microelectronic fabrications, solar cell optoelectronic microelectronic fabrications, sensor image array optoelectronic microelectronic fabrications and display image array optoelectronic microelectronic fabrications.

3. The method of claim 1 wherein the at least one fuse layer is formed simultaneously with a bond pad layer within the microelectronic fabrication.

67,200-409
2000-0661

4. The method of claim 1 wherein the at least one fuse layer is formed simultaneously with an alignment mark within the microelectronic fabrication.

5. The method of claim 1 wherein the at least one fuse layer and the highest of the series of patterned conductor layers are formed of different conductor materials.

6. The method of claim 1 wherein the at least one fuse layer is formed of an aluminum containing conductor material and the highest of the series of patterned conductor layers is formed of a copper containing conductor material.

7. A microelectronic fabrication comprising:

a substrate;

a series of patterned conductor layers separated by a series of dielectric layers formed over the substrate; and

at least one fuse layer formed over the substrate and electrically connected with the series of patterned conductor layers separated by the series of dielectric layers, wherein the at least one fuse layer is formed at a level no lower than a highest of the series of patterned conductor layers.

67,200-409
2000-0661

8. The microelectronic fabrication of claim 7 wherein the microelectronic fabrication is selected from the group consisting of integrated circuit microelectronic fabrications, ceramic substrate microelectronic fabrications, solar cell optoelectronic microelectronic fabrications, sensor image array optoelectronic microelectronic fabrications and display image array optoelectronic microelectronic fabrications.

9. The microelectronic fabrication of claim 7 wherein the at least one fuse layer is formed at a level equivalent with a bond pad layer within the microelectronic fabrication.

10. The microelectronic fabrication of claim 7 wherein the at least one fuse layer is formed at a level equivalent with an alignment mark within the microelectronic fabrication.

11. The microelectronic fabrication of claim 7 wherein the at least one fuse layer and the highest of the series of patterned conductor layers are formed of different conductor materials.

12. The microelectronic fabrication of claim 7 wherein the at least one fuse layer is formed of an aluminum containing conductor material and the highest of the series of patterned conductor layers is formed of a copper containing conductor material.